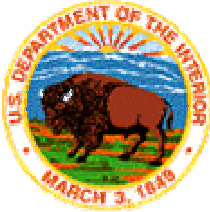


# Bureau of Land Management

Amarillo Field Office

Helium Operations

Statistical Report  
for  
March - 2003



## *Distribution:*

Fluid Minerals Group Manager, Washington Office  
NMSO, New Mexico State Director  
NMSO, Associate State Director  
NMSO, Petroleum Engineer  
Field Manager, Amarillo Field Office  
Assistant Field Managers (3)  
Team Leaders  
-Federal Leased Lands  
-Resources Evaluation & Gas Analysis  
-Natural Gas Engineering

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Amarillo, Texas

Issued: October 21, 2003

**\*Tables include COMPANY PROPRIETARY INFORMATION (shaded) and is for internal use only.  
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Approved for distribution: Nelson R. Bullard

Date: 10/21/2003

Table 1 - Summary of Helium Operations

March - 2003

In Kind Sales		NASA*	Navy*	Army*	Air Force*	DOE*	Other Fed*	Subtotal*	In Kind	Charges Billed (\$)**	
Total month		34,972	1,333	0	5,001	11,543	5,327	58,176	57,276	\$3,005,745	
Total FYTD		61,781	(6,386)	0	13,208	15,714	16,599	100,916	99,356	\$5,172,541	
Total CYTD		34,972	1,333	0	5,001	11,543	5,327	58,176	57,276	\$3,005,745	
In Kind Transfers								Month	FYTD	CYTD	Cumulative
Transferred								24,085	123,760	42,006	1,049,092
Volume outstanding								57,350			
Open Market Sales					Award Volume		Outstanding		Sales	Charges Billed (\$)**	
Total month					1,640,000		(410,000)		410,000	\$21,525,000	
Total FYTD					1,640,000		1,230,000		410,000	\$21,525,000	
Total CYTD					1,640,000				410,000	\$21,525,000	
Open Market Transfers								Month	FYTD	CYTD	Cumulative
Transferred								0	0	0	0
Volume outstanding								410,000			
Natural Gas/Liquids Sales			Natural Gas (Mcf)		NGLs (gal)		Decatherms		\$/unit	Charges Billed (\$)**	
Total month			0		0		0		\$0.0000	\$0	
Total FYTD			0		0		0		\$0.0000	\$0	
Total CYTD			0		0		0		\$0.0000	\$0	
Purchased Helium	Month			Month	FYTD	Month	FYTD	FYTD	CYTD	Cumulative	
	Helium Mixture	Helium Percent	Helium	Low Purity Helium		Below 50% Helium		Contained Helium			
Total purchased										32,176,145	
Helium transferred			24,085					123,760	42,006	3,034,432	
Purchased helium in storage										29,141,713	
Private Plant Activity											
Accepted in storage system		89,571	62.9%	56,336	2,483	11,245	(521)	(1,368)	308,972	157,840	7,467,148
Redelivered from storage system		(259,269)	65.9%	(170,824)	0	0	0	109	(926,207)	(431,354)	(10,582,262)
Total apparent crude produced^		187,435	70.1%	131,320					916,779	436,113	7,505,193
Total apparent crude refined^		(306,925)	68.1%	(208,869)					(1,319,846)	(607,491)	(10,620,307)
Storage Contract Activity	Metered Gas					Transferred Gas		Stored Helium	Charges Billed (\$)**		
	Gross Gas	Helium	Helium			Helium					
	Month		FYTD	CYTD	Cumulative	Month	Cumulative	EOM	Month	FYTD	
	Crude Acquired		89,125	55,815	307,604	157,107	24,840,825	96,802	25,445,779		
	Crude Disposed		259,269	170,824	926,098	431,266	22,407,782	72,717	25,039,100	\$245,460	Storage Fees
Grade-A Rdlvrd		0	0	0	0	1,478,718	0	0	\$72,989	RMF Fees	
Net/Balance		(170,144)	(115,009)	(618,494)	(274,159)	954,325	24,085	406,679	1,361,004	\$318,449	\$1,161,500
Bush Dome Reservoir Operations			Month		Fiscal Year		Since Start of Conservation Program		Since Field Discovery		
Conservation gases from all sources			Gross	Net	Gross	Net	Gross	Net	Gross	Net	
In underground storage, beg. of period			42,455,426	30,587,601	43,146,344	31,097,065	490,620	490,620	0	0	
Net Activity			(159,491)	(115,009)	(850,409)	(624,473)	41,805,315	29,981,972	42,295,935	30,472,592	
Total in underground storage			42,295,935	30,472,592	42,295,935	30,472,592	42,295,935	30,472,592	42,295,935	30,472,592	
Native Gas											
Total in place, beg. of period			208,655,981		208,721,080		265,724,755		318,727,000		
Net Activity			(118,098)		(183,197)		(57,186,872)		(110,189,117)		
Total in place, end of month			208,537,883		208,537,883		208,537,883		208,537,883		
Native Gas plus Conservation Gases											
Total gases in place, beg. of period			251,111,407		251,867,424		266,215,375		318,727,000		
Net Activity			(277,589)		(1,033,606)		(15,381,557)		(67,893,182)		
Total gases in place, end of month			250,833,818		250,833,818		250,833,818		250,833,818		
Helium Resources Evaluation					Month		FYTD				
Revenue Collected from Federal Lease Holds					\$602,550		\$2,442,180				
Helium Sample Collection Report for month					Submitted	26	Received	7	Analyzed	179	
Helium Enrichment Unit Operations			Month			FYTD			Cumulative		
			Helium-Gas Mixture	Helium Percent	Helium	Helium-Gas Mixture	Helium Percent	Helium	Helium-Gas Mixture	Helium Percent	Helium
Gas Processed											
Plant feed			111,873	2.0%	2,283	111,873	2.0%	2,283	111,873	2.0%	2,283
Helium product			0	---	0	0	---	0	0	---	0
Residue natural gas			0	---	0	0	---	0	0	---	0
Vent, flare & plant losses			111,873	2.0%	2,283	111,873	2.0%	2,283	111,873	2.0%	2,283
Helium recovery efficiency					0.0%			0.0%			0.0%

\* Volumes in Mcf at 14.7 psia &amp; 70°F; all other volumes in 14.65 psia &amp; 60°F

\*\*Rounded to nearest dollar

^ Other sources of helium are accessed but data are not available

Table 2 - In Kind Helium Sales

March - 2003

	NASA*	Navy*	Army*	Air Force*	DOE*	Other Fed*	Subtotal*	In Kind+	Charges Billed (\$)**	
In Kind Helium										
Aeriform, Contract no. INC98-0101 (billed quarterly)										
Month										
FYTD										
AGA Gas, Inc., Contract no. INC98-0102										
Month										
FYTD										
AirGas, Inc., Contract no. INC98-0103										
Month										
FYTD										
Air Liquide S.A., Contract no. INC98-0104										
Month										
FYTD										
Air Products, L.P., Contract no. INC98-0105										
Month										
FYTD										
BOC Gases, Contract no. INC98-0106										
Month										
FYTD										
Corp Brothers, Inc., Contract no. INC98-0107										
Month										
FYTD										
FIBA Technologies, Inc., Contract no. INC98-0108										
Month										
FYTD										
General Air Service & Supply Co., Contract no. INC98-0109										
Month										
FYTD										
Jack B. Kelley Co., Contract no. INC98-0110										
Month										
FYTD										
Portland Welding Supply, Contract no. INC98-0111										
Month										
FYTD										
Praxair, Inc., Contract no. INC98-0112										
Month										
FYTD										
United States Welding, Inc., Contract no. INC98-0113										
Month										
FYTD										
Tri-Gas, Inc., Contract no. INC98-0114										
Month										
FYTD										
Messer Griesheim Ind., Contract no. INC00-0115										
Month										
FYTD										
Total month	34,972	1,333	0	5,001	11,543	5,327	58,176	57,276	\$3,005,745	
Total FYTD	61,781	(6,386)	0	13,208	15,714	16,599	100,916	99,356	\$5,172,541	
Total CYTD	34,972	1,333	0	5,001	11,543	5,327	58,176	57,276	\$3,005,745	
Cumulative	646,303	14,709	0	155,421	168,075	139,334	1,123,842	1,106,367	\$54,980,584	
In Kind Transfers							Month	FYTD	CYTD	Cumulative
Transferred							24,085	123,760	42,006	1,049,092
Volume outstanding							57,350			

\* Volumes in Mcf at 14.7 psia &amp; 70°F

+ Volumes in Mcf at 14.65 psia &amp; 60°F

\*\*Rounded to nearest dollar

COMPANY PROPRIETARY INFORMATION

Table 2.1 - Open Market/Reserve Sell-down  
Helium & Natural Gas Sales

March - 2003

	Award Volume*	Outstanding*	Sales*	Charges Billed (\$) **
<b>Conservation Helium</b>				
<b>Air Liquide S.A.</b> (billed quarterly)				
Month	50,000	(12,500)	12,500	\$656,250
FYTD	50,000	37,500	12,500	\$656,250
Cumulative	50,000		12,500	\$656,250
<b>Air Products, L.P.</b>				
Month	680,400	(170,100)	170,100	\$8,930,250
FYTD	680,400	510,300	170,100	\$8,930,250
Cumulative	680,400		170,100	\$8,930,250
<b>BOC Gases</b>				
Month	834,000	(208,500)	208,500	\$10,946,250
FYTD	834,000	625,500	208,500	\$10,946,250
Cumulative	834,000		208,500	\$10,946,250
<b>Keyes Helium Co.</b>				
Month	75,600	(18,900)	18,900	\$992,250
FYTD	75,600	56,700	18,900	\$992,250
Cumulative	75,600		18,900	\$992,250
<b>Total month</b>	1,640,000	(410,000)	410,000	\$21,525,000
<b>Total FYTD</b>	1,640,000	1,230,000	410,000	\$21,525,000
<b>Total CYTD</b>	1,640,000		410,000	\$21,525,000
<b>Cumulative</b>	1,640,000		410,000	\$21,525,000

**Open Market Transfers**

	Month	FYTD	CYTD	Cumulative
Transferred	0	0	0	0
Volume outstanding	410,000			

\* Volumes in Mcf at 14.65 psia & 60°F

	Natural Gas (Mcf) ***	NGLs (gal)	Decatherms	\$/unit	Charges Billed (\$) **
<b>Natural Gas/Liquids Sales</b>					
<b>El Paso Natural Gas</b> Provides Firm/Interruptible natural gas transportation services (billed monthly)					
Month	0		0	\$0.0000	\$0
FYTD	0		0	\$0.0000	\$0
Cumulative	0		0	\$0.0000	\$0
<b>Minerals Management Service</b> Provides natural gas marketing services under a Cooperative Agreement					
Month				\$0.0000	\$0
FYTD				\$0.0000	\$0
Cumulative				\$0.0000	\$0
<b>Cenergy Marketing</b>					
Month	0	0	0	\$0.000000	\$0
FYTD	0	0	0	\$0.000000	\$0
Cumulative	0	0	0	\$0.000000	\$0
<b>Total month</b>	0	0	0	\$0.000000	\$0
<b>Total FYTD</b>	0	0	0	\$0.000000	\$0
<b>Total CYTD</b>	0	0	0	\$0.000000	\$0
<b>Cumulative</b>	0	0	0	\$0.000000	\$0

\*\*\* Volumes in Mcf at 14.73 psia & 60°F

\*\*Rounded to nearest dollar

# Table 3 - Helium Resources Evaluation

March - 2003

All Volumes in Mcf at 14.7 psia & 70°F

## Revenue Collected From Federal Leaseholds

	Month*	FYTD*
Fee Sales & Royalties	\$599,247	\$2,421,683
Natural Gas Royalties (1)	\$2,653	\$15,704
Natural Gas Rentals	\$0	\$0
Other	\$4,342	\$35,233
Revenue Collected from Federal Lease Holds	\$602,550	\$2,442,180

\*Totals do not sum

## Helium Analysis and Evaluation

	Month	FYTD
Number of Sample Request Letters Sent	26	54
Number of Samples Received	7	8
Number of Samples Analyzed	5	6
Total Number of Samples Analyzed For Resources Division	8	110
Total Number of Samples Analyzed (2)	179	896

## U. S. Helium Production

CYTD

*Domestic*

1997 Helium Sold	3,853,991
1998 Helium Sold	4,029,755
1999 Helium Sold	4,203,019
2000 Helium Sold	4,564,589
2001 Helium Sold	4,756,719
2002 Helium Sold (projected)	4,800,000
<b>Estimated Helium Resources (as of 01/01/2001)</b>	<b>323,000,000</b>

	Month	FYTD	CYTD
<b>U.S. Helium Exports</b> (3)	121,066	609,332	266,756

(1) Includes drip gas sales & other miscellaneous gas sales.

(2) Includes pipeline, field survey, and other requested analyses.

(3) Data from Department of Commerce - Bureau of the Census statistics as of: February 2003

Table 4 - Federal Acquisition &amp; Storage Operations

March - 2003

All Volumes in Mcf at 14.65 psia &amp; 60°F

	Month			Month	FYTD	Month	FYTD	FYTD	CYTD	Cumulative
	Helium-Gas Mixture	Helium Percent	Helium	Low Purity Helium		Below 50% Helium		Contained Helium		
Purchased										
Cities Service Helex - Jayhawk		---								6,403,147
National Helium Corp. - Liberal		---								11,561,830
Nothorn Helex Co. - Bushton		---								4,475,921
Phillips Petroleum - Dumas		---								5,111,036
Phillips Petroleum - Sherman		---								4,624,211
Total purchased										32,176,145

Purchased helium produced/transferred

24,085

123,760

42,006

3,034,432

Balance of purchased helium in storage

29,141,713

**Bureau Plants**

Delivery/Handling Credit	0	---	0			0	13,205,259
Withdrawal	0	---	0			5	7,540,255

**Private Plants**

Helium accepted under terminated contracts (pre-FY96)

16,453,073

Helium redelivered under terminated contracts (pre-FY96)

13,007,062

Pioneer - Fain*										
GPM - Dumas*										
Crescendo - Sunray*										
Air Products - Guymon*										
GPM - Sherhan*										
GPM to APG+										
<i>Total GPM - Sherhan</i>										
Keyes Helium - Sturgis* ^										
Keyes Helium - Sturgis* ^										
<i>Total Keyes Helium - Sturgis* ^</i>										
Pioneer - Satanta*										
Williams - Baker*										
National Helium - Liberal*										
National to APL+										
<i>Total National Helium - Liberal</i>										
Air Products - Liberal*										
Praxair - Jayhawk* ^										
Praxair - Jayhawk* ^										
<i>Total Praxair - Jayhawk* ^</i>										
Amoco to Praxair+										
CIG - Lakin*										
BOC Gases - Otis*										
KN Processing - Bushton*										
KNP to Praxair+										
<i>Total KN Processing - Bushton</i>										
Praxair - Bushton*										

Accepted in storage system	89,571	62.9%	56,336	2,483	11,245	(521)	(1,368)	308,972	157,840	7,467,148
Redelivered from storage system	(259,269)	65.9%	(170,824)			0	109	(926,207)	(431,354)	(10,582,262)
Total apparent crude produced^	187,435	70.1%	131,320					916,779	436,113	7,505,193
Total apparent crude refined^	(306,925)	68.1%	(208,869)					(1,319,846)	(607,491)	(10,620,307)

\* Denotes CUSTODY TRANSFER activity in to or out of the crude helium pipeline system

+ Denotes activity between private plants that does not enter the crude helium pipeline system

^ Other sources of helium are accessed but data are not available

**Acquisition & Storage Summary - Contained Helium**

	Month	FYTD	Cumulative
Total acquisition	56,336	308,972	69,301,625
Total disposition	170,824	926,212	40,059,651
Total stored in conservation system	(114,488)	(617,240)	29,241,974
Helium in pipeline system plus apparent losses			(1,230,618)
Helium in underground storage			30,472,592

COMPANY PROPRIETARY INFORMATION

Table 4.1 - Helium Storage Contract Activity

March - 2003

All Volumes in Mcf at 14.65 psia &amp; 60°F

	Metered Gas						Transferred Gas		Stored Helium EOM	Charges Billed (\$)**	
	Gross Gas	Helium %	Helium	Helium			Helium			Month	FYTD
	Month			FYTD	CYTD	Cumulative	Month	Cumulative			
Total All Contracts*											
Crude Acquired	89,125	1	55,815	307,604	157,107	24,840,825	96,802	25,445,779			
Crude Disposed	259,269	1	170,824	926,098	431,266	22,407,782	72,717	25,039,100		\$245,460	Storage Fees
Grade-A Rdlvrd	0		0	0	0	1,478,718				\$72,989	RMF Fees
Net/Balance	(170,144)		(115,009)	(618,494)	(274,159)	954,325	24,085	406,679	1,361,004	\$318,449	\$1,161,500
Total Prior Contracts (TERMINATED)											
Crude Acquired				0	0	17,406,129	0	18,196,898			
Crude Disposed				0	0	11,830,863	0	19,148,768			
Grade-A Rdlvrd				0	0	1,478,718					
Number of trailers				0	0	9,834			0		
BOC Gases, Contract no. 1995-3249 months - projected depletion											
Crude Acquired											
Crude Disposed											
Net/Balance											
Praxair, Inc., Contract no. 1995-3251 months - projected depletion											
Crude Acquired											
Crude Disposed											
Net/Balance											
Air Products, L.P., Contract no. 1995-3256 months - projected depletion											
Crude Acquired											
Crude Disposed											
Net/Balance											
Oneok Field Services, Contract no. 1995-3258											
Crude Acquired											
Crude Disposed											
Net/Balance											
ExxonMobil Gas Marketing Co., Contract no. 1995-3280											
Crude Acquired											
Crude Disposed											
Net/Balance											
Pioneer, Contract no. 1995-3286 months - projected depletion											
Crude Acquired											
Crude Disposed											
Net/Balance											
Keyes Helium Co., Contract no. 1995-3287											
Crude Acquired											
Crude Disposed											
Net/Balance											
Messer Griesheim Ind., Contract no. 1998-3283											
Crude Acquired											
Crude Disposed											
Net/Balance											
Linde Gas AG, Contract no. 2001-3282											
Crude Acquired											
Crude Disposed											
Net/Balance											
Mitsui & Co. (U.S.A.), Inc., Contract no. 2002-3289											
Crude Acquired											
Crude Disposed											
Net/Balance											
Air Liquide S.A., Contract no. 2003-3284											
Crude Acquired											
Crude Disposed											
Net/Balance											
Government Helium											
Crude Acquired							0	32,176,145			
Crude Disposed:	In Kind Sales						24,085				
	Open Market/Reserve Sell down						0	3,034,432			
Net/Balance									29,141,713		

\*Includes In Kind and Open Market transfers from Government storage

\*\*Rounded to nearest dollar

COMPANY PROPRIETARY INFORMATION

Table 5 - Pipeline &amp; Cliffside Field Operations

March - 2003

All Volumes in Mcf at 14.65 psia &amp; 60°F

	Month		Fiscal Year		Since Start of Conservation Program		Since Field Discovery	
	Gross	Net	Gross	Net	Gross	Net	Gross	Net
<b>Conservation Pipeline</b>								
Beginning of period inventory (1)	47,003	32,902	48,936	34,255	0	0		
Measured to pipeline (2)	248,500	165,117	1,357,482	928,937	109,348,277	78,127,461		
Measured from pipeline (3)	259,269	170,824	1,366,074	926,212	43,697,573	31,164,937		
Measured into Bush Dome (4)	0	0	1,217	871	64,354,801	46,235,883		
Calculated inventory (1+2-3-4)	36,234	27,195	39,127	36,109	1,295,903	726,641		
End of period inventory	41,254	27,294	41,254	27,294	41,254	27,294		
Line gain or (loss)	5,020	99	2,127	(8,815)	(1,254,649)	(699,347)		
Percent gain (loss) of total measured	0.989%	0.029%	0.078%	-0.475%	-0.577%	-0.450%		
<b>Bush Dome Reservoir Operations</b>								
<i>Conservation gases from all sources</i>								
In underground storage, beg. of period	42,455,426	30,587,601	43,146,344	31,097,065	490,620	490,620	0	0
Injected during period to date	0	0	1,217	871	64,355,072	46,235,844	64,962,972	46,843,744
Withdrawn during period to date	159,491	115,009	851,626	625,344	22,595,906	16,300,021	22,713,186	16,417,301
Helium from Exell-Soncy	0	0	0	0	46,149	46,149	46,149	46,149
Total in underground storage	42,295,935	30,472,592	42,295,935	30,472,592	42,295,935	30,472,592	42,295,935	30,472,592
<i>Native Gas</i>								
Total in place, beg. of period	208,655,981		208,721,080		265,724,755		318,727,000	
Recoverable in place, beg. of period	199,604,981		199,670,080		256,673,755		309,676,000	
Production during period to date	118,098		183,197		57,186,872		110,189,117	
Total in place, end of month	208,537,883		208,537,883		208,537,883		208,537,883	
Recoverable in place, end of month	199,486,883		199,486,883		199,486,883		199,486,883	
<i>Native Gas plus Conservation Gases</i>								
Total gases in place, beg. of period	251,111,407		251,867,424		266,215,375		318,727,000	
Total gases in place, end of month	250,833,818		250,833,818		250,833,818		250,833,818	
Change during period	(277,589)		(1,033,606)		(15,381,557)		(67,893,182)	
<i>Ave. reservoir pressure, beg. of period</i>								
Ave. reservoir pressure, beg. of period	648.5		661.0		685.0		814.1	
<b>Tuck Trigg Reservoir Operations</b>								
<i>Native Gas</i>								
Total in place, beg. of period	5,198,688		5,204,461				5,890,000	
Recoverable in place, beg. of period	4,528,688		4,534,461				5,220,000	
Production during period to date	0		5,773				691,312	
Total in place, end of month	5,198,688		5,198,688				5,198,688	
Recoverable in place, end of month	4,528,688		4,528,688				4,528,688	
<i>Ave. reservoir pressure, beg. of period</i>								
Ave. reservoir pressure, beg. of period	483.7		484.2				548.0	
<b>Natural Gas Sales - Booster Compressor Operations</b>								
<i>Field/HEU Compressor Operations</i>					Totals		Cumulative	
					Month	FYTD		
Spot gas fuel price				\$ per/MMBTU	\$8.38	\$5.20	\$3.77	
Fuel used				total MMBTU	3,860	16,858	76,630	
Field compressor fuel revenue				\$dollars	\$30,986	\$86,331	\$287,755	
HEU compressor fuel credit				\$dollars	\$0	\$0	\$0	
#1 Compressor run time				hours	263	1548	12,497	
#2 Compressor run time				hours	285	1681	3,930	
#3 Compressor run time				hours	123	482	1,690	
<i>Field Compressor Charges</i>					Charges Billed (\$)*			
BOC Gases, Contract no. 1995-3249								
Praxair, Inc., Contract no. 1995-3251								
Air Products, L.P., Contract no. 1995-3256								
Keyes Helium Co., Contract no. 1995-3287								
<b>SubTotal</b> - Cliffside Refiners, LP (provides booster compression services)					(107,689)	(631,424)	(\$2,309,174)	
Cliffside Refiners, LP, GDA010003 (BLM provided fuel, labor, supplies, etc.)					\$21,305	\$110,394	\$481,826	
<b>Net Total - Cliffside Refiners, LP</b>					\$21,305	\$110,394	\$481,826	

\*Rounded to nearest dollar



Table 6 - Helium Enrichment Unit Operations

March - 2003

All Volumes in Mcf at 14.65 psia & 60°F

Gas Processed

Plant feed  
Helium product  
Residue natural gas  
Vent, flare & plant losses  
Helium recovery efficiency

Month			FYTD			Cumulative		
Helium-Gas Mixture	Helium Percent	Helium	Helium-Gas Mixture	Helium Percent	Helium	Helium-Gas Mixture	Helium Percent	Helium
111,873	2.0%	2,283	111,873	2.0%	2,283	111,873	2.0%	2,283
0	----	0	0	----	0	0	----	0
0	----	0	0	----	0	0	----	0
111,873	2.0%	2,283	111,873	2.0%	2,283	111,873	2.0%	2,283
		0.0%			0.0%			0.0%

Natural gas liquids

Utility Usage

K100 compressor  
K600 compressor  
K610 compressor  
Other electrical usage  
Fuel gas  
Water

Month			FYTD			Cumulative		
Gallons/Mcf	KWh	Runtime	Gallons/Mcf	KWh	Runtime	Gallons/Mcf	KWh	Runtime
0			0			0		
	15,727	15		15,727	15		15,727	15
	3,350	2		3,350	2		3,350	2
		0			0			0
	1,062,753	448		1,062,753	448		1,062,753	448
199			199			199		
0			0			0		

HEU Runtime & Charges

Enrichment Unit Runtime

Processing feed gas  
Producing helium product  
Producing residue gas

Month		FYTD		Cumulative	
Runtime	Percent	Runtime	Percent	Runtime	Percent
15	3.3%	15	3.3%	15	3.3%
0	0.0%	0	0.0%	0	0.0%
2	0.4%	2	0.4%	2	0.4%

Enrichment Unit Charges

Reservior Management Fees (RMF)  
Total operating costs

Labor  
Compressor fuel  
HEU fuel  
Electric power  
Flare, vent & plant losses  
Other

Sub Total - Items provided by BLM  
Total - Cliffside Refiners, LP, GDA030001

Charges Billed (\$)*		
\$72,989	\$72,989	\$72,989
\$0	\$0	\$0
\$0	\$0	\$0
\$0	\$0	\$0
\$0	\$0	\$0
\$0	\$0	\$0
\$0	\$0	\$0
\$0	\$0	\$0
\$0	\$0	\$0

\*Rounded to nearest dollar